AGENCY: U.S. Army, Tripler Army Medical Center, Pacific e-Health Innovation Center

ACTION: Submission of Dual-Use Technology Information for a Cost Sharing Initiative

SUMMARY: The Pacific e-Health Innovation Center (P-eIC) is looking to partner with private industry in the development and implementation of new telemedicine technology applications via cost sharing contracts, in which the technology can improve the quality and delivery of health care in order to maintain military readiness. P-eIC requests the submission of dual-use technology information by November 20, 2000.

PRIORITIES: P-eIC is committed to supporting innovative and unique projects that can serve as models for improving health care delivery services in the Pacific. This dual-use technology initiative targets technology that is mutually beneficial, and has both military utility and sufficient commercial potential to support a viable industrial base. This program will follow the tenets of the Department of Defense Dual-Use Science and Technology Program, which is used to foster the development of technologies that benefit the military and private sector. Innovative technologies and Pacific relevance are key in the selection process. Some of the areas of interest are listed below.

- ? Exploration of emerging technologies for health care applications (e.g., wireless telecommunication, hand-held devices, next generation internet, next generation markup languages, voice recognition technologies)
- ? Adaptation of biomedical devices and systems for use in telehealth
- ? Teleconsultation (Remote Triage, Advice)
- ? Distance Learning
- ? Health Promotion/Prevention
- ? Primary Care Management (provider support tools that enable PCM's to deliver population health)
- ? Demand Management
- ? Referral Management
- ? Case Management
- ? Automation of clinical pathways/practice guidelines
- ? Disease Management
- ? Discharge Planning
- ? Force Health Protection
- ? Situational Awareness

SELECTION PROCESS: The selection process will have two phases. The first phase is providing a response to the information requested below. The information being requested will enable P-eIC to conduct a preliminary evaluation of dual –use

technology opportunities and to select a candidate(s) as potential dual-use technology partner(s). The second phase will involve providing additional detailed information for the selected candidate(s) for a more thorough evaluation and selection.

EVALUATION CRITERIA: The evaluation criteria used will include: level of technology innovation, military and Pacific relevance, goals and objectives, company qualifications, impact on delivery to health care, and resources required.

DATES:

November 20, 2000:	Requested Information due to P-eIC	
December 15, 2000:	Yes/no decision of potential partnerships (if yes, more information may be required)	
January 15, 2001:	Additional Information due to P-eIC	
January 31, 2001:	P-eIC final decision on selected candidate(s)	

ADDITIONAL INFORMATION:
1. Only one response per company may be submitted.
2. Guidelines and format are provided below.
3. Please use 12 point Times New Roman font and one-inch margins on top/sides/bottom for a maximum of five pages.
4. For questions on submission, please contact Rosa Castro, Phone: (808) 433-2808, email: rosa.castro@haw.tamc.amedd.army.mil.

Pacific e-Health Innovation Center Dual-Use Technology Initiative Information

1. **Company Background** – how long has the company been in existence, what are company's core competencies, who are the company's customers, what is the company's experience working with the Department of Defense and cost sharing initiatives for dual-use technology.

2. **Description of Technology** – a detailed description of the technology that is being developed to include: the advantage of technology being developed over alternative technologies; the current development stage/timeline of the technology; and the clinical problem the technology is trying to solve, and identification of all involved parties.

3. **Alignment with P-eIC Mission and Vision** – how does this technology fit in with the P-eIC mission and vision.

4. **Goals and Objectives** – the goals and objectives of this cost sharing initiative.

5. **Potential Beneficiaries** – who are the potential beneficiaries and what are the potential benefits to these beneficiaries.

6. **Impact on Quality and Access to Healthcare** – what are the potential impacts of the technology on the quality, accessibility, and the efficiency of healthcare.

7. **Demonstration and Validation Methodology** – how will this technology be demonstrated and validated utilizing Tripler's area of responsibility.

8. **Evaluation of Technology** - what are the methods and measurements for determining the clinical efficacy of the technology as well as the cost-effectiveness of this technology to include qualitative and quantitative (e.g., return on investment) measurable outcomes.

9. **Desired Outcomes** – what are the desired outcomes and a timeline for these outcomes.

10. **Resources** – what resources (funding, personnel, equipment, travel, space, etc.) are required to develop and pilot the technology noting the resources that would be supplied by the company and what resources would be required from P-eIC.